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DECODER-USABLE SYNDROME GENERATION WITH REPRESENTATION GENERATED WITH INFORMATION BASED ON VECTOR PORTION

ABSTRACT OF THE DISCLOSURE

System (100) for generating syndrome (222) usable in decoder (130) includes reducer (340) and converter (330). Reducer (340) employs information, that is based on portion of vector (422), to generate representation (342). Converter (330) generates, with employment of representation (342), syndrome (222).